

CLAIMS

1.- A toilet brush with a doser device for cleaning and/or disinfecting products, intended for use in operations for the cleaning, hygiene and disinfection of the toilet bowl, allowing the user to dose and control the application of a hygienic and disinfecting liquid product, wherein there are two fundamental elements, namely an elastic body (1) and a rigid body (7), in which:

the body (1) is ergonomically designed, easily taken by the user in the hand, and hollow inside to provide a housing for the hygienic and disinfecting product to be applied to the toilet bowl using the brush and, at one end, with an opening portion (2) closed by means of a cap (4) threaded onto its outside, for entry or access to the inside of the body in order to refill the product once it is finished, and an opening portion (3) at the opposite end, with a thread outside and inside, which is the outlet for the product from the internal container space, and closed off by a cap (5) threaded onto its outside,

the arm (7) is generally elongated and with its proximal end in stepped form and with an outside thread complementing the inside thread of the opening (3) on body (1), while the distal end has a head portion (8) of greater diameter to which a multiplicity of groups of bristles (9) is fixed for cleaning, distributed over its outside surface, said arm (7) having an axial opening (10) running right along its length between both proximal and distal ends.

2.- A toilet brush as set forth in claim 1, wherein the opening portion (3) of the outlet from the body (1) incorporates a membrane (6, 6') which can be applied to the external or the internal part of said portion (3) of the outlet opening, keeping this opening closed until it is perforated by the proximal stepped end of the arm (7) as it is screwed onto said opening.

3.- A toilet brush as set forth in claim 1, wherein the axial opening (10) of the arm (7) varies in diameter so as to create a bottleneck section with a siphon effect to prevent unwanted dripping of product.

4.- A toilet brush as set forth in one or more of the previous claims, wherein an alternative design features a brush with an intermediate ring (11) at the connection between the proximal end of arm (7) and the opening portion (3) of body (1), serving as a stop between the two elements and preventing the membrane (6') from coming within the reach of said arm and being perforated by it until said intermediate ring (11) has been completely removed.

5.- A toilet brush as set forth in one or more of the previous claims, wherein the head portion associated with the distal end of the arm (7) may be of an angular configuration with an appendage turned backward to form an angle with the longitudinal axis of the arm (7), said appendage having an axial open portion (10') connected to the opening (10) in the arm, as well as several groups of bristles (9') for access to and cleaning of corners and other positions normally inaccessible.